

1	LINGUISTICS	236	..Specialized equations or comparisons
2	..Translation machine		
3	..Having particular Input/Output device	237	...Correlation
		238	...Distance
4	..Based on phrase, clause, or idiom	239	...Similarity
		240	...Probability
5	..For partial translation	241	...Dynamic time warping
6	..Punctuation	242	...Viterbi trellis
7	..Storage or retrieval of data	243	..Creating patterns for matching
8	..Multilingual or national language support	244	...Update patterns
		245	...Clustering
9	..Natural language	246	..Voice recognition
10	..Dictionary building, modification, or prioritization	247	...Preliminary matching
		248	...Endpoint detection
		249	...Subportions
200	SPEECH SIGNAL PROCESSING	250	...Specialized models
200.1	..Psychoacoustic	251	..Word recognition
201	..For storage or transmission	252	...Preliminary matching
202	..Neural network	253	...Endpoint detection
203	..Transformation	254	...Subportions
204	..Orthogonal functions	255	...Specialized models
205	..Frequency	256	...Markov
206	...Specialized information	257	...Natural language
207	....Pitch	258	..Synthesis
208	....Voiced or unvoiced	259	..Neural network
209	....Formant	260	..Image to speech
210	....Silence decision	261	..Vocal tract model
211	..Time	262	..Linear prediction
212	..Pulse code modulation (PCM)	263	..Correlation
213	..Zero crossing	264	..Excitation
214	..Voiced or unvoiced	265	..Interpolation
215	..Silence decision	266	..Specialized model
216	..Correlation function	267	..Time element
217	....Autocorrelation	268	..Frequency element
218	....Cross-correlation	269	..Transformation
219	..Linear prediction	270	..Application
220	..Analysis by synthesis	270.1	..Speech assisted network
221	..Pattern matching vocoders	271	..Handicap aid
222	..Vector quantization	272	..Novelty item
223	..Excitation patterns	273	..Security system
224	..Normalizing	274	..Warning/alarm system
225	..Gain control	275	..Speech controlled system
226	..Noise	276	..Pattern display
227	..Pretransmission	277	..Translation
228	..Post-transmission	278	..Sound editing
229	..Adaptive bit allocation	500	AUDIO SIGNAL BANDWIDTH
230	..Quantization		COMPRESSION OR EXPANSION
231	..Recognition	501	..With content reduction encoding
232	..Neural network	502	..Delay line
233	..Detect speech in noise	503	AUDIO SIGNAL TIME COMPRESSION OR EXPANSION (E.G., RUN LENGTH CODING)
234	..Normalizing		
235	..Speech to image	504	..With content reduction encoding

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CLASS 704 DATA PROCESSING: SPEECH SIGNAL PROCESSING, LINGUISTICS,
LANGUAGE TRANSLATION, AND AUDIO COMPRESSION/DECOMPRESSION

FOREIGN ART COLLECTIONS

FOR 000 CLASS-RELATED FOREIGN DOCUMENTS